# Result-based schemes for nature conservation in agricultural landscapes - challenges and outlook 

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## Background:

A literature review was conducted for Germany, Austria, Switzerland, the United Kingdom, Ireland and Spain to determine which result-based schemes are implemented in these countries and how they are designed. A total of 39 schemes were identified (see Fig. 1).

## Results:

The review showed that:

1) In addition to purely result-oriented schemes, numerous hybrid schemes are implemented (Fig. 2). Hybrid schemes are those that include action-based elements in addition to outcome-based ones.
2) The majority of schemes are focused on grassland and only a few on arable land.
3) Flora indicators are applied in the majority of schemes, especially in Germany (Fig. 3).
4) With few exceptions, all schemes res are state-funded.

## Outlook:

Based on the results, the following conclusions can be drawn:
Advice and training: The role of advise and training will become even more important in the future.
Hybrid systems: Important alternative to purely resultbased schemes for risk-averse farmers, especially against the background of climate change risks.
Landscape approach: Future schemes should take a landscape-scale approach.
Monitoring: Artificial intelligence (AI) is one option to reduce monitoring costs in the future.

Number of schemes identified


Fig. 1: Number of schemes identified in the literature review


Fig. 2: Number of purely result-based and hybrid schemes


Fig. 3: Flora, Fauna and other indicators

